

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REFERENCE VOLTAGE SOURCE, TEMPERATURE SENSOR, TEMPERATURE THRESHOLD DETECTOR, CHIP AND CORRESPONDING SYSTEM

the specification of which:	
is attached hereto OR	
X was filed on July 9, 2003 as United States Application Number	

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Certified Copy Attached? Yes No
FR 02 08650	France	07/09/2002	No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

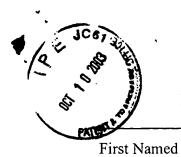
U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

## DIRECT ALL CORRESPONDENCE TO:

Customer Number	00164
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Invento	r:			
Given Name (First and middle (if any))		Family Name or Surname		
	Joël	Chatal		
Inventor's signature	X	Date: X 22/08/2003		
Residence	Carquefou, France	nefou, France Citizenship: French		
Mailing Address	20, rue des Chevrettes 44470			
City, State, Country	Carquefou, France			



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Invent	tor	:	Joël Chata	al		
Appln	ı. No.	:				
Filed		:	July 9, 20	03		Group Art Unit:
Title		:	THRESH	ENCE VOLTAGE ATURE SENSOR, TEM OLD DETECTOR, PONDING SYSTEM		Examiner:
Docke	et No.	:	A815.312	-0002		
			SUB	MISSION UNDER	37 C.F.R. 3.	.73(b)
P.O. Bo	ox 1450		r Patents 2313-1450			
	Atmal	Jor	stag S.A. a	Franch corporation is s	un aumar of tha	natant application identified
				French corporation, is a	in owner of the	patent application identified
	y virtue			for the inventor (a) a	£41	liantian idantified above. The
A.	[X]	as	n assignment from the inventor(s) of the patent application identified above. The ssignment was recorded in the Patent and Trademark Office at Reel, rame, or a copy of which is attached.			
OR						
B.	[] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:					
			1.		orded in the Pat	tent and Trademark Office at, or a copy of
			2.	From:	To:	····

				nd Trademark Office at
			, Frame	, or a copy of
		which is attached.		
	3.	From:	To:	
		The document was re	corded in the Patent ar	nd Trademark Office at
		Reel	, Frame	, or a copy of
		which is attached.		
Signature:		And the second of the second o	<b>S.A.</b> 16 Date: <u>3</u>	rd of September 2003
Name:	A	79 33 (0)2 40 15 18 18 - FEX 53 (0)2	40 18 19 20	
Title:	DIRE	ECTOR OF FINA	1 CE	

## ASSIGNMENT

Attorney Docket No.

A815.312-0002

First Named Inventor: Joël Chatal

Title

: REFERENCE VOLTAGE SOURCE, TEMPERATURE SENSOR, TEMPERATURE

THRESHOLD DETECTOR, CHIP AND CORRESPONDING SYSTEM

WHEREAS, I, Joël Chatal, of Carquefou, France, have invented certain new and useful improvements as described in an application entitled REFERENCE VOLTAGE SOURCE, TEMPERATURE SENSOR, TEMPERATURE THRESHOLD DETECTOR, CHIP AND CORRESPONDING SYSTEM for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. , filed July 9, 2003; and

WHEREAS, Atmel Nantes SA, a French corporation, having offices at La Chantrerie, BP 70602, 44306 Nantes Cédex 3, France, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.